



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

- Silk manufacture, British, Thos. Winkworth, 460
- Silkworm, Assam, J. Wills, 129
- fishing gut, H. W. Reveley, 144
- Simmonds, P. L., on T. C. Archer's paper on animal products &c., forming part of foreign commerce of Liverpool, 258
- on gums and resins of commerce, 13, 75, 128
- letter on, by T. S. Traill, 74
- preparing fibres, 91
- Snakes and snake bites, 782
- Sivier, R. W., on Mr. Whytock's paper on carpet manufacture, 469
- Slag bricks, Hyde Clarke on, 41
- Slater, R., jun., on decimal coinage, 670
- Sleepers, railway, Dr. Boucherie, 627
- Smee, Alfred, on decimal coinage, 528, 581
- Smith, W., on cultivation by steam, 320
- Smoke from pottery kilns, by H. Doulton, 601
- nuisance, C. Wye Williams, award of gold medal, 669
- Snakes and snake-bites, P. L. Simmonds, 782
- Soap, manufacture of, W. Hawes, 325
- Society of Arts, Royal Scottish, 641
- Societies, list of Irish, 441
- Soulage collection, 780, 795
- Spirit, methylated, report on, 705, 717, 733
- Statin, James, on glycerine, 286
- Steel manufactures, Jas. Wilson, 357
- test of, T. Almgill, 424
- Chalybs, 396
- Jas. Wilson, 383
- the Uchatius process for the manufacture of, 759
- Ste copying, new process for, 653
- Stone, Barratt's process for hardening, 413
- lithographic, in Jamaica, E. C. Lewis, 684
- Stones, W., on the Dhenroos fibre of Bengal, 601
- on paper manufacture at Paris Exhibition, 60
- on paper material question, 745
- Stonework, decay of, French system of preventing, 713
- decay and preservation of, J. B. Daines, 604
- remarks on, by Lord Lyndhurst, 629
- Streams, purification of, by Prof. F. Grace Calvert, 605
- Star-rock, R., on linen trade with France, 532
- Sub-irrigation, local, 144
- Surgical instruments, English and French, by H. Williams, 426
- in Paris Exhibition of 1855, by R. Williams, 160
- Telephony, 726
- Temple, R., on colonial labour, 738, 760
- on commercial importance of Honduras, 379
- on Honduras interoceanic communication, 699
- on natural resources of British Honduras, 104, 205, 333, 535
- Thompson, W., on photography under water, 425
- Thread or fibre gilding, F. Bennoch, 373
- Timber, new method of splitting, W. C. Trevelyan, 727
- Timber-bending machinery, 725
- Tolhausen, A., on patent reform, 351
- preliminary examination of inventions, 180
- Tonnage measurement, A. Henderson, 660
- Tonnage registration, Charles Atherton, 131, 156, 233, 253, 442, 485, 537, 573, 650, 657, 670, 736
- by W. S. Lindsay, M.P., 212
- remarks on, by editor of *Mechanics' Magazine*, 469, 525, 571, 710
- remarks on, by J. R. Napier, 669
- liability of British ship-owners, W. Mitchell, 234
- Traction engine, Boydell's, by J. J. Mechi, 382
- Trade school, Wandsworth, 595
- museum, 390
- Traice, W. H. J., on education of the artisan, and employment of women, 349
- Traill, T. S., on P. L. Simmonds' paper on gums and resins of commerce, 74
- Tremenheere, H. S., report on mining, 686
- Trent, E. W., on McBride's flax-scutching machine, 750
- Trevelyan, W. C., on splitting timber, 727
- Turnip plant, means of preventing fly from destroying, Charles Poppy, 672
- Twemlow, G., on purification of water, 702
- U.
- Uchatius's process for manufacture of steel, 759
- Underdrainage of land in Great Britain, J. B. Denton, 45, 81
- V.
- Valpy, L. R., on examination of classes in institutes, as applicable to the colonies, 235
- on Jamaica Society of Arts, 536
- on natural resources of Jamaica, 786
- on labour in tropical colonies, 748
- Valpy, L. R., on purification of water, 688
- reply to, by G. Twemlow, 702
- W.
- Waggons, metallic pontoon, 686, 699
- Major V. Eyre, 664
- Wallis, G., on design as applied to manufactures, 291, 319
- T. H., on resins of commerce, 128
- Wandsworth trade school, 695
- Water supply, by Prof. Clark, M.D., 429
- remarks on, by F. Braithwaite, 507
- D. Campbell, 470
- S. C. Homersham, 510
- Water, purification of, L. R. Valpy, 688
- G. Twemlow, 702
- Watson, T., on Indian fibres, 73
- Webster, Thos., on patents and the Society of Arts, 41
- Wells, J., on the Assam silk-worm, 129
- Whishaw, the late Francis, 760
- Whytock, A., on carpet manufacture, 240
- remarks on, by R. W. Sivier, 469
- Willats, R., on a barometric anemometer, 540
- Williams, R., on surgical instruments, 160
- on English and French surgical instruments, 426
- C. Wye, award of gold medal for essay on smoke nuisance, 669
- Willis, Prof., on apparatus for teaching mechanics in schools, 344
- letter on, by F. J. Minasi, 349
- Wilson, G. F., on the manufactures of Price's Patent Candle Company, 148
- Jas., on steel manufactures, 357
- on test of steel manufactures, 383
- Wines, the growth of, in New South Wales, by Jas. King, 575
- of Hungary, B. Oliveira, M.P., 600
- Winkworth, Thos., on British silk manufacture, 460
- Withington, J., on paper-making materials, 264
- Wood, preservation of, W. Apelt, 613
- letter on, by H. P. Burt, 642
- Wood, the late John, 760
- Working classes of Europe, C. F. Audley, 189
- Whytock, Alex., on carpet manufacture, 240
- remarks on, by R. W. Sivier, 469
- Y.
- Yerva de Paraguay, W. B. Adams, 321
- T. C. Archer, 352

## ERRATA.

Page 27, col. 1, line 66, for *Hemming*, read *Herring*.

" 75, col. 1, line 44, for *Prussia*, read *Persia*.

" 123, col. 1, line 2 from bottom, for *not one house of any repute*, read, *not any of the great houses*.

" 167, in the account of Major Pratt's patent, No. 3,309—1810, for, *a series of ploughs revolve on a horizontal axis*, read, *a series of ploughs revolve horizontally on a vertical axis*.

" 209, col. 1, 17 lines from bottom, for £120,000, read, £1,200,000.

" 262, line 11, for, *for feeding cattle*, read, *as a dressing for wheat*.

" 362, col. 2, line 39, for *steel pins*, read *steel pens*.

" 363, col. 1, line 12 from bottom, for, *unwise enough to lose the importation*, read, *unwise enough to tax the importation*.

" 404, col. 2, line 31, after *engraved rollers*, take out the semicolon, and insert a semicolon after *purpose*, in line 32; and in line 40, take out *but*.

" 413, in list of members elected, for *Niblet* read *Niblett*.

" 420, col. 2, line 12, for *it was stated*, read, *he stated*; and lines 17 and 18, for, *Professor Hoskyns, the official referee of the insurance companies*, read, *Professor Hosking, the official referee*.

" 440, col. 1, line 2, for *only read chiefly*.

" 460, col. 2, line 16 from bottom, for *Bentley, Richard*, read *Bentley, Professor Robert*.

" 568, col. 2, under head *Examinations*, first line, for *I*, read *We*.

" 575, col. 1, line 10, for *Telkin*, read *Felkin*.

" 610, col. 2, line 11 from top, for *Kopäes*, read *Kopäis*; in same column, in note, line 2, for *der*, read *d n*; same column, same note, for 1855, read 1835.

" 611, col. 1, line 7, insert *near between on and or*.

" 612, col. 1, line 23, for *Amterhausen*, read *Amtenhausen*; same page, col. 2, line 35 from the bottom, insert *to between waters and sink*; in line 9 from the bottom, for 1820, read 1840; and last line but six, after *beds dele* (").

" 633, col. 2, note, line 1, for *Brunnenstaben* read *Brunnenstuben*; line 4, for *Meber Avlegung*, read *Ueber Anlegung*; line 6, for *Breisganes* read *Breisgaues*; line 7, for *Fromberg* read *Fromherz*.

" 634, col. 1, line 17, for *Brunnenstaben*, read *Brunnenstuben*; notes, line 3, for *Auerstedt*, read *Quenstedt*; line 21, for *Zahrbücher*, read *Jahrbücher*.

" 636, col. 1, notes, line 1, for *Auelen*, read *Quellen*; line 9, for *Perisdicitat*, read *Periodicitat*; and for *Auelen*, read *Quellen*; col. 2, line 2, for *Buschelesteich*, read *Buschelesteich*.

" 637, col. 1, note, line 2, before *Fertigung*, insert *zur*.

" 638, col. 1, note, line 19, for *oberwabischen*, read *oberschwäbischen*.

" 745, col. 1, No. 165, for *The Principles of Great Circle Sailing with Physical Geography*, read, *The practice of Great Circle Sailing with the principles of Physical Geography*; and insert, No. 165A, For a simple Telescope of moderate price, to determine distances to 1000 yards.